



KAISER ♦ HILL
COMPANY

MEMORANDUM

Date: October 29, 2001

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for October 29, 2001

Attached are the minutes for the referenced weekly meeting for the Operating Record.
In attendance were:

P. Arnold
D. Foss
F. Gerdeman
B. Gustafson
R. Hernon
M. Heser
L. Langlois
J. Tasset
J. Wrapp

In addition to the attached status, the following was discussed:

- 1) D. Foss suggested that B374 decommissioning status be added to the weekly agenda. In particular she suggested that the update include: 1) flushing of PWTS, 2) removal of sludge in tank 231, 3) transfer to decommissioning, and 4) progress toward ceasing operations. It was suggested that B374 be prepared to give an overview at next week's meeting.
- 2) There was a general discussion about modifying the Project's DOP. There will be a separate meeting with the D&D Management and Jeff Stevens to discuss how and when DOP's are to be modified and who will be responsible for DOP management.
- 3) J. Tasset reported that there is ongoing research regarding the dismantlement/disposition of the stacker pallets. Cost data will be gathered to aid in the decision making. The cost data will be included in the minutes as they are available and decisions are made.
- 4) F. Gerdeman asked that B. Gustafson contact him when there will be visible activity on the North Side tanks remaining so that Fred can invite Barbara Mazurowski on a tour.

End

371/4 Project
WEEKLY STATUS MEETING DOE/LRA for October 15, 2001

ADMIN RECORD

B371-A-000064

B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

October 29, 2001

AGENDA

INTRODUCTION — Pam Arnold, X6035, Pager 303-212-4835

D&D

Presenters — Jim Floerke, X2850, Pager 303-212-3292

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Set 16 Deactivation
- Special Projects
- Cerium Nitrate
- MAA/PA Closure

Presenter — Barry Gustafson, X3292, Pager 303-212-5290

- Special Projects
- North Side Cleanup
- Remote Dismantlement Chamber
- Breathing Air
- Sets 7, 18, 24, 30 and 56 Status

ENVIRONMENTAL — Pam Arnold, X6035, Pager 303-212-4835

WASTE MANAGEMENT — Laurie Gregory-Frost, X3681, Pager 303-212-1980

AUTHORIZATION BASIS/BIO — John Almon x3217, Pager 303-212-3426

D&D Summary (AAC)

Week Ending 10/25/01

Non-actinide Liquid Draining

KH Target Finish: 9/28/00

Current Early Finish: 10/13/01

SV: -243 days

- CWTS processing continues in support of Set 4A draining.
- Set 4B (1117) draining is complete. (1AQ31DR04B)
- Set 4A (1115/1103) draining started 10/18. (1AQ31DR04A)
- Set 2B (rebaselined Set 6) entry to complete hanging of tags, and IWCP completion are TBD to support higher priority work. (1AQ31DR02B)

Tanks

KH Target Finish: 9/24/03

Current Early Finish: 11/04/03

SV: -26 days

- Set 5 (3573, 8 tanks) breathing air entries have been suspended. The TMR vacuum system quotes have been received and are in technical evaluation. In parallel, a second mockup was completed using a commercial HEPA filtered vacuum. Modifications needed for radiological control were made and a final mock-up was completed 10/10. Crit engineering is working limits for >200 gram tanks; negotiating a new completion date. Maintenance completed port modifications. The system is planned to start removing rings 10/29. Field IWCP Modification is complete. (1AC105ET00)
- Set 4 (3571) line isolations are 100% complete, started Set 3 (3517) line isolations. (1AC103AT00)
- Set 4 cerium decon and D&D ready package is complete. (1AD104AH00)
- Set 3 cerium decon and D&D ready package is being reviewed by the FM.
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are complete and in the approval process (the 2307 line isolation package is ready to work); package for 2319 is in Engineering. (1AC113AT00)
- Set 15 (2223) line isolation and raschig ring removal package is back in Engineering to incorporate vacuum system.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- No GB deactivation is scheduled at this time.

CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

- The GB 69 crate drop installation and GB breach are on hold pending technical review of operations strategy.

- Fabrication of the I/O 8 mechanical system is 95% complete and work on the modified gripper has started. The electrical control panel fabrication is 80% complete. The XYZ traverse was shipped on 9/25. The air motor has been received at CNC. Assembly of the mockup configuration has started. (IAC109AD01)
- I/O 8 modification package is in review; plan to complete week of 10/29.
- The guillotine door switch relocation is 70% complete. An ECR is required for solenoid test gauges.
- I/O 8 drain line installation package is on hold.

Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- The MAA/PA closure plan draft is 65% complete. (AC11PNM20)
- A kick off meeting was held to discuss the methodology to be used for the characterization and disposition of IDC 200 (Solid Standards) and other standards (i.e. Graphite standards, Ful-Flo Filters standards, Insulation standard, Mag Oxide Crucible standard, Incinerator Ash standard..) An important element in the characterization process is determining the matrix of each standard. Some of the Standards will be candidates for Box 'n Go but Standards with metal/oxides above the 10 wt % PU content or 200 gram limit will have to be processed. After characterization a new IDC number will be assigned to reflect the reclassification from a product to a waste. The majority of the Standards (approximately 700) are currently stored in B371.
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- TRU Waste Programs has identified approximately 110 waste drums available for shipment out of the building. B371 Production Control will walkdown and verify the data.
- Meetings were held on the blending of surrogate sludge with the "kitty litter". It was agreed that the surrogate sludge would be produced by the team to verify the matrix prior to blending. Activities required to develop the blending process were determined and a schedule is being generated. The location for the blending experiments will be in the 700 area.

D&D Summary (AAD)

Week Ending 10/26/01

Special Projects:

Work continues on three special projects in support of D&D activities.

Scaffolding and containment for asbestos removal on the KOH tanks continued last week.

Progress was impacted by high winds for two days.

Isolation of the KOH and Nitric Acid tanks and pumps continues.

Work continues on size reducing, clean up and hauling of components and structures.

ACM removal from the KOH tanks is planned to begin this week.

Engineering Changes are in process to allow continuation of the Breathing Air Modification

Set 7: Rooms 3301, 3303, 3305

KH Scheduled Finish: 10/01/02

Targeted Early Finish: 07/31/02

SV: +66 day

Electrical Isolation is 95% complete

Draining of low points in piping prior to Mechanical Isolation is planned to start this week.

Set 18: Rooms 3801, (north portion), 3805

KH Scheduled Finish: 9/10/01

Targeted Early Finish: 10/10/02

SV: -274 days

- Work packages for isolation are with the D&D group to work as soon as the tank deactivation is complete.

Set 24: Rooms 3402, 3404A, 3404, 3406, 3408

KH Scheduled Finish: 9/25/01

Targeted Early Finish: 11/20/01

SV: -36 days

- Lead removal from the external surfaces of Glove boxes was essentially complete last week.
- Removal of the Fume hood and mechanical stripout started last week.

Set 56: Room 3801, (south portion)

KH Scheduled Finish: 9/10/01

Targeted Early Finish: 12/24/01

SV: -274 days

- A planning package is in review to change the drain connection. We expect to begin work on the new connection this week.

5

ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
3		Tanks: D132A, B, and C	MRT	3517	
		Nitric Acid Recirc. pump 31-11, P-28A	IE: 0049	3517	
		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	3517	
		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	3517	
		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	3517	
		Nitric Acid pump 31-15, P63	IE: 0054	3517	
		Pumps P-28A, P-28B, P-29A, and P-29B	IE: 0107	3517	
4		Pumps P-33A, P-33B, P-34A, P-34B	IE: 0109	3517	
		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
		Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	
7		Container Storage – Room	371.1A	3301	
		Mixed Residue Tank – Ancillary Equipment only	N/A	3303	
		Container Storage – Room	371.1A	3305	
		Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	3305	
		Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
		Container Storage – Room	371.1A	3315	
		GB Storage - GB#32	371.1B	3315	

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
12		CWTS: GB 2401	371.3A	1105	
		CWTS: GB 2402, 2403	371.3A	1103	
		CWTS: GB 18, 23, 2404	371.3A	1115	
		CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403	371.3A	1103	
		Master process control and alarm panel	N/A	1113	
		Container Storage - Room	90.14	1111	Not currently in Permit - to be closed
		Container Storage - Room	90.19	1115	Not currently in Permit - to be closed
		Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	1107	
		Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	1109	
		Tanks: D-160A, B, D-400A, B, D, D-179	MRT	1115	
		Tanks: D-2A, B, D-157A, B, D-238A, B, D-240A, B, D-170, D-171	MRT	1117	
		Tanks: D-293A & B	MRT	1127	
	AB	Container Storage - Room	371.1A	1103	
	AB	Vault Container Storage	371.1C	1101	
		Wash Liquid Pump 31-17, P-182	IE: 0008	1117	
		HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	1117	
		HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	1117	
		HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	1117	
		HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	1117	
		Pumps P-140, P-141A, P-141B	IE: 0113	1115	
		Pumps P-181 and P-182	IE: 0114	1117	
		Pumps P-5A, P-5B, P-6A, P-6B, P-7A, P-7B, P-15A, P-15B, P-27A, P-27B, P-107A, P-107B, JP-108A, P-108B	IE: 0115	1125	

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
13		Tank D-292A & B	MRT	2317	
		Pumps P-21A, P-914	IE: 0117	2307	
		Pumps P-85A, B, C; P-27A, B, C	IE: -119	2317	
14		Container Storage - Room	371.1A	2325	
18		Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
		See Set 19 also			
		Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	
19		Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19		Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19		Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
		See Set 21 also			

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
24	GB Storage - GB's 72B and 72C	371.1B	3408	
	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	GB Storage - GB's 107 and 113	374.3	3801	
57	No RCRA Units			
58	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/4807	
	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/4807	

Waste Management Summary

Status for Week Ending 10-26-01

- **Remediation Waste Training:**

- Remediation Waste training was presented to the 371/374 Waste Group on October 23, 2001.
- Remediation waste training will be given to three D&D work groups on November 1, 2001.

Basis for Interim Operations (BIO)

Weeks Ending 10/25/01

D&D Support

- Out-of-commission
 - Developing USQDs for placing dismantlement sets out-of-commission

PuSPS Page Changes

- Carts
 - Implementation pending, paperwork and training
- More than one defective 3013 outside vault for work
 - Scheduled to be submitted to DOE 11/2/01
- Process less than 80% Pu oxides
 - Scheduled to be submitted to DOE 12/15/01
- More than twenty 3013 containers outside vaults
 - On hold

Operations Page Changes

- Criticality alarm testing
 - Drafting strategy to review with Operations

Other Page Changes

- Support of consolidation of HSP Fire Protection procedures
 - Preparation complete
 - Submit to DOE week of 10/29/01